

Q12-A20

The Official Journal of The Radio Association of Erie

JULY EDITOR
CLARK COHO N3DYY

July 1989

The R.A.E Inc
P.O. Box 844
Erie, PA 16512

NON-PROFIT
ORGANIZATION
U.S. POSTAGE
PAID
ERIE, PA
PERMIT NO 266

CLUB OFFICERS

PRESIDENT	Chris Robson	KB3A
V. PRESIDENT	Don Kelly	KA3QDM
SECRETARY	Clark Coho	N3DYY
TREASURER	Matt Rizzo	KA3PEJ

BOARD OF DIRECTORS

Bob Schwimmer	N3FAW	Ch'm'n
Joe Pearo	WB2ICS	
Chester Kanis	KB3P	
Jim Ferguson	KZ3C	
Kevin McKenna	WB3KKT	
Richard Waldinger	N3Q	
Mark Bronson	KD2HG	

Robert Schwimmer N3FAW
129 East Arlington Rd.
Erie PA 16509
F



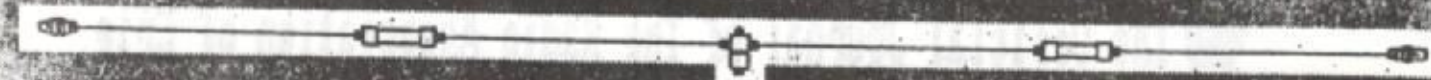
7/89 P2

WARREN RADIO

PARTS
DEPARTMENT

1315 PEACH STREET
ERIE, PENNSYLVANIA
PHONE 454-5285
MON-FRI 8:30 - 5:30
SAT. 9:00 - 5:00
CLOSED SUNDAY

SP-RO MANUFACTURING, INC.



ANTENNA WIRE		
CW-75	75 feet	\$9.75
CW-140	140 feet	\$15.95

ANTENNA TRAPS

\$38.00 pr.

T-40 7MHz Trap used for making 5-Band Antenna (80, 40, 20, 15, 10 Meters).

T-80 3.5 MHz Trap used for making 2-Band Antenna (160, 80 Meters).

SHORTEN YOUR ANTENNA OVER 40%!

Antenna "Shorteners" are used in series with the antenna elements to reduce the physical length. These are excellent where installation space is limited. The shorteners are housed inside weatherproof, sealed enclosures, so NO periodic cleaning is required. Deluxe no-rust terminals insure positive electrical connections. Designed and built for years of trouble-free service. Instructions included.

I.C-40	Shortens 40-Meter Antenna to approx. 38 feet overall	\$21.95 pr.
I.C-80	Shortens 80 Meter Antenna to approx. 69 feet overall	\$21.95 pr.
I.C-160	Shortens 160 Meter Antenna to approx. 100 feet overall	\$22.95 pr.



ICOM



VHF COMMUNICATIONS

Contact us for all of your amateur radio needs. FEATURING:

ICOM, AEA, LARSEN, VAN GORDEN,
VIBROPLEX, NYE-VIKING, FALCON
COMM, LEADING EDGE, ARRL PUBLI-
CATIONS, KAGLO, HAMTRONICS,
PROWRITER, ELEPHANT DISKS,
DEBCO, TRIONYX

280 Tiffany Avenue
Jamestown, New York 14701

PH. (716) 664-6345

7/89 P3

RAE DIRECTORS MEETING JUNE 27 1989
RED CROSS BLDG PITTSBURGH AVE ERIE PA
Called to order at 7:30PM by Chairman Schwimmer

PRESENT

DIRECTORS

Bob Schwimmer N3FAW
Jim Ferguson KZ3C
Mark Bronson KD2HG
Kevin McKenna WB3KKT

ABSENT

Chester Kanis KB3P
Joe Pearo WB2ICS
Dick Waldinger NI3Q

VISITORS

Don Kelly KA3QDM
Tony Zona WB3KGT
Gene Rogowski KA3EZY

FIELD DAY 1989:

Sears generator still has no output. KB3P to check. GTE donated ground rods & wire along with some miscellaneous marking materials.

CLUB EQUIPMENT:

To be signed out by, and used by, members of the RAE only! This equipment is not to be "sublet" to other parties while signed out to a club member. A member with signed out equipment will bring the equipment to the monthly business meeting following the meeting at which the equipment was signed out; or other arrangements must be made with the Property Custodian for the return of club equipment.

This equipment may be called in at any time by the Property Custodian for emergency use, club event, etc. At this time the equipment must be turned in or arrangements made for pick-up.

This information is spelled out on the agreement that must be signed when taking out club equipment.

REPEATER:

Tony WB3KGT gave a brief report on the repeater system. More control operators are needed. Discussed feasibility of a closed autopatch system.

CLUB DIRECTORY:

The directory should be out by August.

OTHER:

Bob N3FAW suggested that the RAE donate to the Digipeater Group. To be brought up for discussion before the membership.

Club Historian position discussed - any volunteers?

Adjourned 8:20PM

Kevin WB3KKT

RAE BUSINESS MEETING JULY 6 1989
RED CROSS BLDG PITTSBURGH AVE ERIE PA
Meeting opened at 7:30PM by Sec'y Coho

PRESENT

DIRECTORS

Jim Ferguson KZ3C
Chester Kanis KB3P
Bob Schwimmer N3FAW
Kevin McKenna WB3KKT
Dick Waldinger NI3Q

OFFICERS

Clark Coho N3DYY
Matt Rizzo KA3PEJ

ABSENT

Mark Bronson KD2HG
Joe Pearo WB2ICS
Chris Robson KB3A
Don Kelly KA3QDM

There were 18 members attending.

REPORTS:

BOARD OF DIRECTORS:

See directors meeting report - this issue

PUBLIC SERVICE:

•Eriesistable Marathon on Sunday **Sept. 17**.
Approval granted. Joe Ciano K3IYG says we need 50 operators. We will probably need help from Crawford County amateurs.

PROPERTY CUSTODIAN:

•Gene Rogowski KA3EZY reports that the club engine-generator set which had previously been reported as repaired, did not work at field day. This matter is now being investigated.

REPEATER COMMITTEE: per Joe Ciano K3IYG

•The 440 mhz control radio for the 61 repeater is now in place and working. The control antenna at the site is too low - only about 20ft above the building. We are working with WQLN on arrangements to increase the height.
•More control operators will be needed to provide adequate control coverage once the antenna problem is resolved.

TREASURER:

•Matt Rizzo submitted a report covering June 2 through July 6 summarized as follows:

Receipts	\$228	Disbursements	\$535
Net Change	\$-307	Tot All Cash Acnts	\$7192
Transferred Savings to 6mos CD			\$1000

OTHER ITEMS:

- Meeting adjourned at 8:15pm
- At the end of the business meeting, Bob Schwimmer introduced Ron Jacobowski K2RJ from the Antenna Specialists Co. who spoke on the topic of HF Propagation. His topic covered the formation of the D, E, F1 and F2 layers as they vary with time and with sun spots; and how these layers tie in with the maximum useable frequency (MUF) at various times of day, of season, and of propagation distance.

RAE REPEATER NEWS

Some additional equipment modifications and additions have been made at the .61 site.

Thanks to help from Rick Cutter, WA3MKT, a new high quality control receiver has been installed. This has resulted in reliable command control on our 440 mhz control frequency at short range from site. This is a major step forward.

The previous control receiver was overwhelmed by the local RFI at the site and could not reliably decode command Touch Tones when the transmitter was only 30 feet from the antenna. The committee intends to seek ways to allow control operators to properly control the repeater from longer distances. These include antenna improvements at the site and higher power transmitters at control operator's QTH's.

Because of the continuing lack of control, the committee cannot yet permit the use of the autopatch facilities. Hopefully this situation can be remedied soon. However, autodial to members homes and the emergency autodial system are available.

A new users guide for the repeater will be included in the club directory that is soon to be available. We have rewritten the guide extensively in hopes that it can provide additional help to users.

We anticipate that autopatch will be available soon and instructions for its use were included. However, some system configuration is not yet known and we will be mailing out an update for the additional repeater functions when they become available. This update will be designed to be "taped" inside your directory with the other user guide information.

We have recently purchased a monitor receiver to receive the Skywarn alerts from the Weather Service. Again, thanks WA3MKT who is building the tone decoder, we should have this alert monitor in service soon.

Are there individuals who are reading this column that might be interested in assisting with the maintenance of the repeater? Anyone who has the desire to spend some time and effort in support of the repeaters can get in touch with myself, Repeater Committee Chairman Tony Zona or Maintenance Subcommittee Chairman Joe Pearo. And thank you for your support.

73, Dave, N3EOY

**QCWA
HAM EQUIPMENT FLEA MARKET
& BAKE SALE**

Sommerheim Drive was as busy on Saturday July 8 as it used to be in the days of the Tracydale Driving Range. The QCWA held a unique enterprise, a ham miniflea market and an old fashioned bake sale at the QTH of the QCWA President Bert Van Houton W3TPW. It was a great SS++ success for both modes, both social and economic, according to Bert, as he indicated that the club would repeat it in the future. Response was great, about 80 people, interested in "ham", sweets or both showed up for the event.

Eight couples were involved in moving hardware and sweetware. In behalf of the QCWA, Bert extends his thanks to those that helped and to those who visited and shopped. The largest valued purchase was a National HRO Receiver that went for \$75. It went early too.

Proceeds of this affair will be used to help finance the forthcoming celebration of the **Tenth Anniversary Year** of the forming of the local Tri State Chapter 122 of QCWA as well as bolster the much needed bank account.

7/89 p5

FIELD DAY 1989

W3GV/ WA3MKT KA3FZF WA3UCR KE9ED KY3D K3ED
N3FAW WB3KKT KA3GXT KD3LR WA3PZQ
KA3AUH WA3HJC WA3JUD KA3PMW WB3KGT

The above amateurs participated in operating W3GV during the June 24/25 Field Day conducted for all amateurs in the ARRL/CRRL Field Organization.

Seven stations operated in the following bands:

4 stations - HF: 40m 20m 15m

2 stations - VHF: 2m

1 station - UHF: 440mhz

There were many special interests as evidenced by station operation in the following modes:

CW SSB FM ATV PACKET

A grand total of 1442 points are estimated at this time. An official count is forthcoming later. It was not a large count; but those that participated in the setup, or in the station operation or were just visiting the site, all seemed to have a great time and learned a few things that amateur radio is all about. There were about 35 visitors in attendance on Saturday afternoon and evening including some Boy Scouts from Pittsburgh. Some visitors were inquiring about licensing education and asked about assignment of Elmers.

As of this writing, the total expenses were \$63.80 out of \$100 allocated for the event.

STRAYS

•Rick Cutter WA3MKT certainly commanded a lot of attention with his 40ft high signal squirter with both 2m and 440mhz rotary multielement antennas. But one of the highlights of the Saturday operation was his demonstration of amateur TV to the visitors. Several contacts were made.

•Bette Alexander XYL of Dave KA3PMW served as the Saturday night cook. Incidentally, she earned us 100 bonus points in the contest for this duty.

•Lee WA3HJC and Dave KA3PMW performed yeoman service as the all night operators. The antennas were emitting corona brilliantly Sunday morning between 2 and 4AM with HF contact

•At last count, Kevin WB3KKT had the best operating record. He manned all battle stations during the contest.

•Fast food services on rt 19 were quite busy at times also providing NECESSARY services.

•THANKS AND KUDOS

The committee wishes to thank the many organizations and individuals who donated time, effort and equipment to the operation:

Tony KB3KGT and Bernie Zona
use of several acres of their property on
Dorn Rd for the field day set up

US Army Reserve HHB 4/92nd FA Bn via
Larry Schlosser WA3JUO

5kw diesel generator and fuel

WA3PZQ WA3UCR W3ZQS W3POS KA3FZF

This team assisted in the installation of the
WA3MKT antenna system and operating tent
Northwest Institute of Research
tables & chairs

General Telephone Co via Ron WB3DOM
cable, ground rods, and equipment for
raising antenna masts

WJET

3kw gas engine generator

WA3USH

main tent

Bette Alexander

chief cook

George Ackerman N3BFM

rigging crane available for setting up
antenna masts and towers.

And last but not least thanks to

Dave Alexander KA3PMW

Don Kelly KA3QDM

Ron Seyboldt WB3DOM

the committee which did so much of the
dirty work.

JUST WAIT TILL NEXT YEAR!!!

•one tent & antenna for each station

•registration tent a must

•pickup truck full time

•more operators

•open planning sessions

•portable toilet facilities

7/89 PG

QUA-REA CLASSIFIED

CDE CD-45-II Rotor System. Approx 5 years old, just rebuilt, works great. Good for medium-sized antennas (about 8.5 sq.ft.). \$120.00
Call Kevin, WB3KKT at (814) 825-5919

WANTED Johnson Valiant working or not.
(Also interested in any old radio equipment.)
Call Steve Miller WA3JJT at (814) 454-5285

WANTED HF Transmitter or Transceiver
about 100 watts CW & SSB
Call Joe Shugart N3FSI at (814) 838-2142

FOR SALE

for the following items, call Bert Van Houten
W3TPW (814) 838-1200

- Signal Generator series E200
Precision Apparatus Co
0-1799 khz 1.5-35 mhz
400 cycle audio tone
- Signal Generator Model 906
McMurdo Silver Co .09-170 mhz
- Voltage Calibrator Model 495
Electronic Instrument Co
- TY-FM Sweep Signal Generator Model 360
Electronic Instrument Co - 5 to 225 mhz
- Resistance-Capacitance Comparator Bridge
Model 950A Electronic Instrument Co
- Micro ampere meter dc 1 - 500 μ a
- Voltmeter dc 0 - 50 volts
- Micro Volter Model 18D 8 - 210 mhz
Ferris Instrument Co
- World War II Command Set Transmitters
BC-459A & T-19/ARC - 5
- Hammarlund HQ-129X Ham Band Receiver
Needs some tubes and speaker cord
- Craig Tape Recorder Model 212 solid state
- Home Brew HF pre-amp, solid state
- Heathkit SB-610 Modulation Monitor
- Manufactured antenna tuner - 2 KW
- Home Brew antenna tuner - 2 kw
- Home Brew noise blanker - solid state
- Heathkit SB 220 Linear with 10 meters
(both 3-500Z tubes soft) or buy
Two new 3-500Z tubes and above linear is included
- Swan FM2X 2mtr transceiver 12 channel 10 watts
- Hygain Vertical antenna 10 thru 80 meters

PUBLIC SERVICE ERIE RUNNERS CLUB - 1/2 MARATHON SUNDAY JULY 16 1989

This was a half marathon at the Peninsula, one half of a full 26+ mile run with markers at the start, finish and at each of twelve mile marks. There were 540 runners. But we only had five communication operators. However Joe Pearo W2ICS was Net Control and he orchestrated the communication system beautifully. He hop scotched his operators from mile post to mile post without a hitch so that all stations were manned as required and on time. Assisting Joe were Dick KY3D, Scotty W3STK, Bert W3TPW and Clark N3DYY. A good time was had by all without casualties, even a bicycling spectator who fell over, and then rode happily away with only a bloody nose.

HAMFESTS

- Randolph Oh Portage ARC **August 6** 8AM-4PM
Portage CO Fairgrounds between Akron & Youngstown on Rt 44
- Warren Oh **August 20**
- Butler Pa **September 10**
- Youngstown Oh **September 17**
- Cleveland (Berea) **September 24**

SPECIAL EVENTS

- Titusville Pa **August 4,5&6**
Oil Creek Valley Radio Society will operate 1400Z to 2300Z each day HF & VHF (CW, SSB, packet)
More details from Mike KD3LR & Lee WA3HJC

FCC ISSUED CALL SIGN UPDATE

The following is a list of most recently issued FCC call signs (June 1).

District	Group A Extra	Group B Advanced	Group C Tech/Gen	Group D Novice
0	WU0D	KF0DF	N0KSI	KB0ESV
1	NW1X	KC1PG	N1GOB	KA1UAO
2	WQ2O	KE2NQ	N2JNE	KB2H2B
3	NV3C	KD3NJ	N3HEE	KA3UUF
4	AB4OX	KM4TJ	N4VYU	KC4LCG
5	AA5LY	KG5UV	N5OOJ	KB5JSS
6	AA6OI	KJ6VH	N6VIG	KC6ECG
7	AA7AM	KF7UG	N7MXE	KB7H2R
8	WT8H	KE8ZS	N8KWU	KB8HOK
9	WI9O	KE9QP	N9IOJ	KB9CYJ
Guam	KH2K	AH2CE	KH2DW	WH2AMF
Hawaii	**	AH6JU	NH6TK	WH6CDN
Alaska	**	AL7LG	NL7RY	WL7BVA
USVI	NP2E	KP2BP	NP2DD	WP2AGV
P.R.	**	KP4QE	WP4VX	WP4IKJ

Qva-Rae

The Official Journal of The Radio Association of Erie

September 1989

PA QSO PARTY EDITION

LUB3KKT--Editor

The R.A.E. Inc.
P.O. Box 844
Erie, PA 16512

NON-PROFIT
ORGANIZATION
U.S. POSTAGE
PAID
ERIE PA
PERMIT NO 266

OFFICERS:

PRESIDENT	Chris Robson, KB3A
V. PRESIDENT	Don Kelly, KA3QDM
SECRETARY	Clark Coho, N3DYY
TEASURER	Matt Rizzo, KA3PEJ

DIRECTORS:

Bob Schwimmer,	N3FAW (3)
Joe Pearo,	WB2ICS (3)
Chester Kanis,	KB3P (1)
Jim Ferguson,	KZ3C (1)
Kevin McKenna,	WB3KKT (2)
Richard Waldinger,	NI3Q (1)
Mark Bronson,	KD2HG (2)

9189 P. 2.
From the Chairman (Board & Christmas Party & Raffle):

---->In case you didn't notice it's time again to plan for the annual Christmas party, and as has been our habit, a big raffle. The party will be on DECEMBER 1st (Friday) at the Sunflower Club, same as the Springfest. Everyone enjoyed the evening there and the food was excellent, and plenty of it! If you missed it then, don't miss it again. You'll be glad you went. Members may invite friends, of course.

---->The raffle will be a 20" TV and a VHS video VCR (first & second prizes). If you don't want either one, Not TO Worry, we are arranging for exchange or refund at the place of purchase! We believe this might interest more general public and enhance ticket sales.

---->The party will cost you only \$7.00 per person, well worth the price for the fine buffet dinner. As has been the practice in the last 3 events, we will have a speaker of general interest. Ask anyone who has been there if it was worth while...

---->We'll also have some really nice door prizes and a 50/50, so your chances of taking something tangible home will be very good.

---->Reservation forms and raffle tickets will be in the mail to you soon. PLEASE DON'T DELAY -- mark your calendar now and send in your check for reservations and raffle tickets, after you receive the next mailing.

73's -- Bob, N3FAW

The 32nd Annual, 1989 PENNSYLVANIA QSO PARTY

RULES: 1989 QSO PARTY

OPERATING PERIODS: 1800Z Oct. 14-0500Z Oct. 15
1300Z Oct. 15-2200Z Oct. 15

EXCHANGES: Sequential serial number plus county or ARRL section. Stations on county lines will give out ONE number-both CO's are multipliers.

MODES: CW & Phone (SSB or FM). Stations may be worked once per mode on each band. CW in CW subbands only. No repeater QSOs.

FREQS: SSB: 1850, 3980, 7280, 14280, 21380, 28580

CW: 40Khz. up from bottom and 1810Khz.

NOVICE/TECH: 10 KHz up from bottom of sub-band (Remember SSB on 10 meters)

160 Meters: Try at 0300 Saturday evening.

MOBILE WINDOW: 5Khz. below listed freqs.

PLEASE keep this clear for weak mobiles.

SCORING: QSO Points: SSB/FM QSOs-1

CW QSOs on 160/80-2

other CW QSOs-1.5

Multipliers: Pennsylvania Stations:

ARRL sections + Pa. Counties 1 (only) for DX (145 total-remember EWA, WWA, KP2 are new sections)

Multipliers: Out-of-State: Penna. Counties (67 total)

FINAL SCORE: Total Points X Total Multipliers

MOBILE SCORING: As above but add 500 points for each county from which you operate. (10 QSOs minimum)

Mobiles may be reworked as they change counties.

QRP SCORING: As above times 2.

NOVICE/TECH SCORING: As above times 3.

LOGS: Logs must be submitted on official form or reasonable facsimile. (Available from W3PIX)

- Entries w/ 100 QSOs MUST have dupe sheets.

- Computer dupe sheets & printouts OK.

- Illegible or late logs "Check Logs" only.

- 100 points deducted for each dupe found.

CLASS OF ENTRY:

1. SINGLE OPERATOR-no assistance.

2. MOBILE-fully mobile, multi-multi OK

3. MULTI-OP, SINGLE TRANSMITTER

4. MULTI-OP, MULTI TRANSMITTER

5. QRP-single op only-5 watts output max.

6. NOVICE/TECH-must identify with "/N" or "/T"
(Note: Novice freqs. only!!!!)

AWARDS:

CLUB TROPHY: The Pa. QSO Party

Revolving Club Trophy will be presented to the club whose members amass the largest aggregate score. Members must live within 175 miles of the club's center, must be in good standing with the club, and MUST be active in club affairs. Officer of club must submit list of members meeting above criteria.

MEDIUM/SMALL CLUB GAVEL: A specially engraved gavel will be presented to the top scoring club whose membership does not exceed 75 members. (Note change).

PLAQUES: Plaques will be awarded to the top SINGLE OPERATOR in the following categories:

EPA, WPA, QRP, Out-of-State, PA Novice/

Tech, Out-of-State Novice (if enough),

Central Time Zone, Western U.S.A., Nittany

Amateur Radio Club

Plaques will also be awarded in these classes: Mobile Station, Portable Station, multi-op, single transmitter

CERTIFICATES: Winner in each county, section, DX country. Club awards to winner in each club if 3 members enter. Minimum of 20 QSOs to be eligible for any award.

PLEASE remit 50 cents with entry to help defray costs of mailing, printing, etc.

PLEASE NO SASEs!!

SEND LOGS by November 15, 1989 to: James Trennepohl, K3SO, 1763 Princeton Drive, State College, PA 16803

9/89
P3

The NITTANY AMATEUR RADIO CLUB Presents
The 32nd Annual, 1989 PENNSYLVANIA QSO PARTY
OFFICIAL SUMMARY AND SCORE SHEET

CALL: _____ ARRL Section _____ Entry Class _____ Time Zone or County _____
Name: _____ Radio Club Affiliation _____
Address: _____ Note: Please enclose 50 cents for printing & postage expense (NO SASE)
City: _____ ZIP _____
(Please note any changes from previous years)

QSOs: _____ MULTIPLIERS: _____
160 & 80 M CW _____ x 2 = _____ Counties _____
Other CW QSOs _____ x 1.5 = _____ Sections _____
SSB QSOs _____ x 1 = _____ DX (f only) _____
Add _____ Tot.Pts = _____ X Total Mults: _____
Total QSOs = _____ = FINAL SCORE: _____

Mobile Station _____
Bonus: Counties opr. from: _____ x 500 + FINAL SCORE from above = _____
QRP Bonus (5 watts or less) FINAL SCORE from above X 2 = _____
NOVICE/TECHNICIAN Bonus FINAL SCORE from above X 3 = _____

CHECK SHEET: PENNSYLVANIA COUNTIES (67 total)

Adams(ADA)	Clinton(CLD)	Lackawanna(LAC)	Pike(PIK)
Allegheny(ALL)	Columbia(COL)	Lancaster(LAN)	Potter(POT)
Armstrong(ARM)	Crawford(CRA)	Lawrence(LAW)	Schuylkill(SCH)
Beaver(BEA)	Cumberland(CUM)	Lebanon(LEB)	Snyder(SNY)
Berks(BER)	Dauphin(DAU)	Lehigh(LEH)	Somerset(SOM)
Bedford(BED)	Delaware(DCO)	Luzerne(LUZ)	Sullivan(SUL)
Blair(BLA)	Elk(ELK)	Lycorning(LYC)	Susquehanna(SUS)
Bradford(BRA)	Erie(ERI)	McKean(MCK)	Tioga(TIO)
Bucks(BUX)	Fayette(FAY)	Mercer(MER)	Union(UNI)
Butler(BUT)	Forest(FOR)	Mifflin(MIF)	Venango(VEN)
Cambria(CMB)	Franklin(FRA)	Monroe(MOE)	Warren(WAR)
Cameron(CAM)	Fulton(FUL)	Montgomery(MGY)	Washington(WAS)
Carbon(CAR)	Greene(GRE)	Montour(MTR)	Wayne(WAY)
Centre(CEN)	Huntington(HUN)	Northampton(NHA)	Westmoreland(WES)
Chester(CHE)	Indiana(INN)	Perry(PER)	Wyoming(WYO)
Clarion(CLA)	Jefferson(JEF)	Philadelphia(PHI)	York(YOR)
Clearfield(CLE)	Juniata(JUN)		

NOTES & COMMENTS:

Please add any comments relative to your operation which may be of interest to others.

ARRL SECTIONS: (77 Total) + DX (Total 1) = 78

1	2	3	4	5	6	7	8	9	0
CT	ENV	EPA	ALA	ARK	EBAY	AZ	MICH	ILL	COLO
MASS	NY	DEL	FLA	LA	LAX	EWI	OHIO	IND	IOWA
ME	NH	MDC	GA	MISS	ORG	IDA	WVA	WISC	KANS
NH	SNJ	WPA	KY	NMEX	SBAR	MONT			MINN
RI	WNY		NC	NTX	SCV	NEV			MO
VT			SFLA	OKLA	SDGO	OREG			NEBR
MASS			SC	STX	SFRA	UTAH			NDIAK
			TENN	WTX	SJU	WVA			SDAK
			VA		SU	WYO			
			KP2		KHG	KL7			
			KP4						
VE1	VE2	VE3	VE4	VE5	VE6	VE7	VE8		DX

SEND LOGS by
November 15, 1989
to:

JAMES TRENNPOHL, K3SO
1763 Princeton Drive
State College, PA 16803

RAE members: Ask for help to prepare Dupe sheets, if you need it.
Some members with computers may offer assistance.

RAE BOARD OF DIRECTORS MEETING

AUGUST 29, 1989

Present were: KB3P, KZ3C, N3FAW, WB3ICS, WB3KKT, KD2HG and WB3KGT.

The meeting was called to order at 7:15pm.

N3FAW reported that the Christmas party is tentatively set up for December 1st at the Sunflower Club. Motion by KZ3C/WB2ICS that the party be conducted basically as in previous years passed by oral vote. Motion by WB2ICS/KZ3C that a cap of \$600.00 be set on the main raffle prize passed by oral vote. Prizes to be discussed at business meeting.

Directors discussed replacing KD2HG who is moving out of town.

A donation was made to the RAE by Mr & Mrs Jim Blake and Mr & Mrs Clarence Jones in memory of William Simpson (Bill, WA3ZQF).

It was reported that the delinquent club equipment has been returned to the property chairman.

Motion by KZ3C/N3FAW stating that anyone taking club equipment and not returning it as agreed or damaging it through negligence or abuse will be held responsible for the replacement cost or the repair of the equipment and shall be prohibited from borrowing club equipment for a period of one year. Passed after some discussion.

Tony, WB3KGT gave an in-depth repeater report as to the progress made in the last several months and outlined much of the work still ahead. Meeting adjourned at 8:30pm.

WB3KKT, secretary

PA QSO PARTY EDITION ?? Included in this edition of Qua-Rae is a copy of the rules and a summary/score sheet. Everyone who entered the contest last year should have already gotten one in the mail but a second one couldn't hurt and for those who haven't entered before, this sheet is a must if you want to participate in the contest. The actual log sheets and dupe sheets are available by contacting Dick Shreve, W3PIX or Chris Robson, KB3A. Several of us have volunteered to check logs and send them in for you if you'd like. All you have to do is get your logs to one of us. We'd like everyone to make a few thousand points (it can be done in a couple of hours easily) or at least give the local guys a few contacts (you can work each station on each band including 2 meters-simplex). Heck, I've scored more than 70k and that was all phone and I'm not a contester, (they score 150k+ just ask KB3A, KJ3L, K3TUP, KB3X, K3LR, etc.). But remember that 10 stations scoring just a few thousand points each can really add up too, especially when you consider that these same 10 stations also gave points to each station they contacted. The RAE has always made a good showing for the PA QSO PARTY and we've won a few times too. Victory is well within our reach. If WE want to win, **WE WILL WIN !!**

Good luck in the contest and listen for me.... -73, Kevin, WB3KKT

Watch next month's QuaRae for an announcement concerning a program at the first possible General Meeting. RAE Members Dave Henderson, N3EOY, Gary AlberstadtR, KA3FZO and Tony Zona, WB3KGT are expected to present a program covering their experiences, in the Virgin Islands. It will be a sellout. We had SRO at N3EOY's Sudan talk.

In any case, be sure to attend the October, November and December meetings to assure that you will be eligible to vote at the December election of Board Members and Officers. Call Election Committee Members Kevin - WB3KKT, Joe - WB2ICS, Clark - N3DYY or Bill Rizzo - KA3LCQ and offer to serve as an Officer or a Board Member. Make YOUR opinions count. Quit complaining and DO something to back up your convictions! **WE NEED MORE GOOD PEOPLE!** The RAE is for you too. Like the repeater? JOIN.

KEVIN: 825-5919

JOE: 774-3976

CLARK: 899-5681

BILL: 456-7390

Or call me, N3FAW, 866-3027. I'll see that the committee gets the word.

9/89
P. 5

RADIO ASSOCIATION of ERIE
BUSINESS MEETING
7 SEPT. 1989

The meeting was called to order by KB3A at 7:30pm. All officers and directors were present but N3DYY and KA3PEJ.

A moment of silence was observed for silent key Bill Simpson, WA3ZQF.
REPEATER COMMITTEE, WB3KGT - Recognized Dave Henderson and Gary Alberstadt for their hard work and dedication to the RAE and our repeater system. The antenna for '61 is now at the 475 ft mark on the 2000 leg of the tower. Coverage to the South and Southwest is greatly enhanced. Regular repeater committee meetings to be held again beginning in the fall. The 440mhz controller is now on-line. A receiver pre-amp has been installed and transmitter output is about 330 watts ERP. Two-meter control of repeaters is now legal--investigating. Autopatch is normally up from 6:30am-3:30pm (or anytime control operator present). Emergency autodial should be up all the time.

PROPERTY, KA3EZV - Robot and Argosy are available for members.

PA. QSO PARTY, W3PIX - It's been two years since the RAE has won the PA QSO Party. Dick Shreve has log sheets, dupe sheets and will help with duping. With just a few contacts from each of us we could win the trophy back in 1989.

EDUCATION, KA3QDM/KA3PMW Don and Dave to co-chair. Teachers needed. Classes to start in January.

VOLUNTEER EXAMINERS', W3CG - 2 new Generals and 4 new Technicians were licensed at the September session. Next exam on October 7th.

PUBLIC SERVICE, K3IVG - Eriesistable Marathon to be held 9/17/89 at 8:00am. We need many operators. Meet at 18th and Sassafrass or 12th and Pittsburgh at 7:00am for maps and instructions. ARES/SKYWARN forms should be sent in whether attending the picnic at Franklin Center.

NEW BUSINESS

CHRISTMAS PARTY 1989, N3FAW - Friday, December 1, 1989 at the Sunflower Club. Raffle prizes will be a 20inch diag. color TV and a VHS VCR. Hopefully these prizes will appeal more to the general public and more tickets will be sold.

VISITORS - Ken Bartosek, N4WEP, Eric Arnold, Eric Zierenberg, Arthur Schochlock, Floyd Titus, Mike, WB2JQS, and Bonnie, KA3FDD.

There will be several opennings on the board of directors and for officers to serve in 1990. Please consider volunteering your time and energy to one of these positions. No experience necessary!

50/50 won by KZ3E..\$17.

Meeting adjourned at 8:35pm.

Following the meeting, Dave, N3EOY presented a slideshow covering his trip to Sudan this Spring. Dave and another U.S. amateur helped design, assemble and install an HF packet radio network connecting several villiages separated by some of the meanest, hottest, dustiest desert in the world. Modes of transportation included: planes, trains (on top only), camel, horseback, car, truck and foot. Dave also gave a very good description of the equipment and labor involved in installing it. Thanks Dave for a very informative and interesting program.

Kevin McKenna, WB3KKT,
acting secretary

For Sale: Atlas 210X, 149 Watt, 10-80 meters, with Shure Hand Mike. Call Steve Miller at Warren Radio, 454-5285. (Owner is Eric Petroff). Only \$200!

QVA-RAC

The Official Journal of The Radio Association of Erie

October 1989

OCTOBER EDITOR
N3DYY CLARK

R.A.E. Inc
PO Box 844
Erie PA 16512

NON-PROFIT
ORGANIZATION
U.S. POSTAGE
PAID

ERIE PA
PERMIT NO 266

OFFICERS:

PRESIDENT	Chris Robson	KB3A
V. PRESIDENT	Don Kelly	KA3ODM
SECRETARY	Clark Coho	N3DYY
TREASURER	Matt Rizzo	KA3PEJ

DIRECTORS:

Bob Schwimmer	N3FAW	(3)
Joe Pearo	WB2ICS	(3)
Kevin McKenna	WB3KKT	(2)
Joe Seppala	KC3LV	(2)
Chester Kanis	KB3P	(1)
Jim Ferguson	KZ3C	(1)
Richard Waldinger	NI3Q	(1)

10/89 P2

WARREN RADIO

PARTS
DEPARTMENT

1315 PEACH STREET

ERIE, PENNSYLVANIA

PHONE 454-5285

MON-FRI 8:30 - 5:30

SAT. 9:00 - 5:00

CLOSED SUNDAY

ALL BAND — LIMITED SPACE ANTENNA

- Only 70 feet Overall Length! Model AS-2 \$49.95
- Shortened antenna, perfect match for your antenna tuner with balanced line output
- Works ALL Bands 160 thru 10 Meters
- Shorteners provide full 135 feet electrical length; with only 70 feet physical length!
- Handles Full Power
- INCLUDES 100 feet of 450Ω feedline

THIS ANTENNA
WAS USED BY

W3GV/KV4

ST. THOMAS !!

160-10 MTR. \$49.95



ICOM



VHF COMMUNICATIONS

Contact us for all of your
amateur radio needs. Featuring

ICOM, AEA, LARSEN, VAN GORDEN,
VIBROPLEX, NYE-VIKING, FALCON
COMM, LEADING EDGE, ARRL
PUBLICATIONS, KAGLO, HAMTRON-
ICS, PROMWITER, ELEPHANT
DISKS, DEBCO, TRIONYX

280 Tiffany Avenue
Jamestown, New York 14701

Western New York's finest... Amateur Radio Dealer

PH. (716) 664-6345

10/89 P3

RAE DIRECTORS MEETING SEP 26 1989
RED CROSS BLDG PITTSBURGH AVE ERIE

Called to order at 7:18PM by Chmn Schwimmer

PRESENT

DIRECTORS

Bob Schwimmer N3FAW
Jim Ferguson KZ3C
Dick Waldinger NI3Q
Kevin McKenna WB3KKT
Chester Kanis KB3P
Joe Pearo WB2ICS

VISITORS

Chris Robson KB3A
Matt Rizzo KA3PEJ

ABSENT

Mark Bronson KD2HG

PUBLIC SERVICE:

Motion by KA3PEJ/KJ3C that Public Service Participation Form read as follows: "The Radio Association of Erie provides communication at Public Service Events solely for the purpose of passing health, welfare and public service information. The undersigned hereby agrees that my participation in public service events on behalf of the Radio Association of Erie will be limited to providing radio communications." Passed after some discussion.

BOARD OF DIRECTORS:

Joe Seppala KC3LV appointed to Board of Directors replacing Mark Bronson KD3HG. His term runs through December 1990.

CHRISTMAS PARTY: Discussions followed.... Speaker to be announced.

ELECTION COMMITTEE:

Appointed WB2ICS, WB3KKT, N3DYY, KA3LCQ

FINANCE:

Financial report to be prepared for Erie Community Foundation by KA3PEJ and N3FAW

Adjourned 8:25PM

Kevin McKenna, WB3KKT
Secretary

KUDOS

To Joe Ciano K3 IVG for Red Cross volunteer work helping Hurricane Hugo victims at Columbia SC

HAMFESTS

- Washington Pa Amateur Comm. **Nov 19**
8am-3pm I-79 exit 8W Racetrack Rd or exit 8 Meadowlands
- Massillon Ohio ARC **Nov 19** 8am-5pm
K of C Hall Cherry Rd (west from US21)
- North Olmsted Ohio - North Coast ARC **Nov 26**
9am-2pm Community Cabin 28114 Lorain Rd

PENNSYLVANIA QSO PARTY 1989

When the noon whistle blew on Saturday Oct 14, 40 meters became a bedlam of hog callers and hogs, all participating in the BIG contest to visit the most hog stys. Well, fellow hams, so much for the hogwash, everyone seemed to enjoy the party, both natives seeking PA counties and ARRL sections, as well as out of state hams going after PA counties. How did Erie County do? Here are the calls heard by a few of us:

WB3KKT	W3PIX	KC3LV
KA3PDR	KJ3L	N3FAW
KX3E	N3GIU	WB3KIP
KY3D	N3APP	KA3LSK
WB3DNF	WA3MKT	N3BJ
N3DYY	WB3DGD	KB3X
KA3CPV	WA3UNX	WA3KAZ
KB3A	KB3P	NI3Q
WA3HJC	W3CG	W3NGO
K3TUP	WB3KGT	

This list is by no means complete but it is evidence of a sizeable participation and **if everyone will send in their logs and score sheet, we should make a very respectable showing** in the contest. If you need help, W3PIX has offered assistance. Incidentally, he said that he has never heard 20 meters so open to all counties in the state. Propagation was terrific

GET WELL SOON

- to Ken Lloyd W3QN now at Bail Pavilion
5416 ELake Rd Erie 16511
- Jim Ferguson KZ3C Metro Health Center -
correction-he is home now and recuperating fast!

10189 - P4

RAE BUSINESS MEETING OCT 5 1989
RED CROSS BLDG PITTSBURGH AVE ERIE

Meeting opened at 7:30PM by Chmn Robson
PRESENT

DIRECTORS

Jim Ferguson KZ3C
Chester Kanis KB3P
Bob Schwimmer N3FAW
Kevin McKenna WB3KKT
Dick Waldinger NI3Q

OFFICERS

Chris Robson KB3A
Don Kelly KA3QDM
Clark Coho N3DYY

ABSENT

Joe Seppala KC3LY
Joe Pearo WB2ICS
Matt Rizzo KA3PEJ

There were 27 members attending; 5 visitors

REPORTS:

BOARD OF DIRECTORS:

See directors meeting report - this issue

PUBLIC SERVICE:

•Eriesible Marathon on Sunday **Sept. 17.**
Joe Ciano K3IVG reported that all went well.
Many compliments were received from officials
and participants.

PROPERTY CUSTODIAN:

•Gene Rogowski KA3EZY reports that the Argosy
and the Robot are available for loan.

REPEATER COMMITTEE: per Tony Zona WB3KGT

•The new mounting location of the antenna on the
tower at 475 ft works so well that he has heard
that a complaint has been registered with the
coordinating committee.
•The Autodial and the 911 Emergency Autodial
are up at all times. The Autopatch is up whenever
there is a control operator on duty; announced by
a squelch tail

TREASURER:

•Matt Rizzo delivered a report reflecting all
activity through 9-26-89; summary as follows:
Receipts \$1755 Disbursements \$370
Net Change \$1265 Tot All Cash Accts \$5386

CONGRATULATIONS - BEST WISHES

To Kevin WB3KKT and his bride - Oct 22 1989

MEMBERSHIP: per Jim Spinks KJ3L

- There are 166 members at the present time.
- Dues for 1990 are now being accepted.

EDUCATION: Reported by Don Kelly

- Committee Co-chairmen Don Kelly and Dave
Alexander KA3PMW are looking for instructors.
- A Novice class will be starting in January

PA QSO PARTY: per Dick Shreve W3PIX

- Date is Oct 14 & 15. Details in Sept Qua-Rae.
- Forms available from Dick. He will also provide
assistance in processing and duping the logs
- KB3A announced his mobile itinerary to hit 25
western PA counties. He will operate CW on 40
and 80 meters.
- K3IVG itinerary starts at Philadelphia and
works west on 40 meters SSB.
- W3PIX suggested that during the last hour of
the contest, 5 to 6PM Sunday, we go on 2 meters
simplex 146.520 mhz. There are 500 bonus
points for each county in which at least 10 QSO's
are made in mobile operation.

CHRISTMAS PARTY: Bob Schwimmer announced
that it will be held Friday Dec 1 starting at 6:30
at the Sunflower Club. Professor Robert
Allshouse of Gannon University will be the Guest
Speaker; the subject, the USSR. There will be
door prizes and a raffle for a 20" remote control
color TV and for a remote control VCR.

OTHER ITEMS:

- Meeting adjourned at 8:00pm
- After the business meeting, WB3KGT, N3EOY
and KA3FZO made a color slide presentation on

HURRICANE HUGO vs ST THOMAS V.I.

Along with vivid pictures of the vast destruction on
the island, they gave an interesting commentary on
their experiences, not only regards communication
and traffic handling, but also on how they managed
to get there (and back); and setting up emergency
power and antennas. They were the first amateur
organization in operation for the American Red
Cross. In addition an 8 inch rainfall in one day did
not help matters much. All they needed was an
earthquake to top it all off. In behalf of the club, we
wish to thank these members for volunteering their
valuable contribution. We understand they made a
similar presentation to the Crawford County
amateurs at Meadville.

0189-PS

REPEATER COMMITTEE NEWS

New Site Secured for .82 Repeater:

The Repeater Committee is pleased to announce to the membership that a site has been secured for the installation of the 146.22/82 repeater.

The site is near the top the new EMS/EMA emergency communications tower on Sharp Road about five miles south of Rt. 19 in Waterford Township. This spot will provide an excellent location for our repeater. It's height at the antenna of 1800 feet above sea level (same as .61 now), it's good geographic location and available emergency power will give the club an excellent, second county-wide repeater for emergency communications as well as just plain chit-chat.

Plans are being made now for the antenna installation which will hopefully be accomplished very soon. The rebuilt RF equipment and associated gear can then be installed and made operational.

We would like to thank the Erie County EMS/EMA Communications Committee for their consideration in allowing us to be located on this tower.

.61 Repeater News:

The link transceiver, which has been received from ICOM where a factory alignment was done, should be reinstalled on the .61 repeater by the time you read this column. The factory disconnected parts of the computer interface during alignment and Craig, K3PLV, is assisting in restoring the interface wiring.

The frustrating, annoying noise that we are hearing on the .61 repeater is the subject of a great deal of thought and discussion among committee members and knowledgeable experts. No resolution to the problem is apparent. Based on testing that has been done, we do not believe that the problem is with our equipment. But, rather, it is noise being generated by movement of other components on the tower. You might have noticed how much worse the noise is when the winds are high and gusty. Please be patient as we have no control over the other equipment that is up there.

Autopatch Guidelines:

Recently some questions were raised about the proper use of the autopatch on the .61 repeater. The ARRL Regulatory Information Department was contacted for discussion and guidance on this matter and they have advised us on the answer to the following question.

Specifically, can you make an autopatch from a remote mobile/portable location from which, if you had to make the call using the regular phone service, the phone company would have charged a toll?

The answer to this carefully worded question is NO you cannot make an autopatch under these conditions (emergencies excepted).

BUT, these conditions were not present when the two autopatches were made that prompted this inquiry. To quote the new 8th edition of the ARRL FCC Rule Book, page 13-16, "Phone patches and autopatches should

10189 - PG

never be made solely to avoid telephone toll charges. Phone patches and autopatches should never be made when normal telephone service could just as easily be used."

So, if you're out driving between Corry and Union City; or if you are 40 miles from Erie on I-90 in Ohio; or anywhere else for that matter and you want to make an autopatch ask yourself these questions first:

1. Am I making this call TO AVOID A TOLL charge?
2. Do I HAVE TO MAKE this phone call?
3. Could NORMAL TELEPHONE SERVICE JUST AS EASILY BE USED?

If you answer "yes" to any of these questions then DON'T MAKE AN AUTOPATCH.

BUT, if you're 40 miles out in Ohio or motoring between Corry and Union City or anywhere else and you want to call your wife and tell her that you'll be home in half an hour after you drop off your friend. Or you call her to tell her you'll be there in a little while, "what's for supper, do you want something from the store". Or you want to call a friend to see if he's home for a visit. Go right ahead!. These boring, ho-hum, inessential, trivial, hen-pecked calls meet all the correct autopatch criteria. Go right ahead and bore us 'cause that's when us control ops types know "that call's okay".

No mention has been made of business calls in the previous discussion. But it's worth a quick review. Again from the FCC Rule Book: "Phone patches or autopatches involving the business affairs of any party must not be conducted at any time. The content of any patch should be such that it is clear to any listener that business communications is not involved. Particular caution must be observed in calling any business telephone. Calls to place an order for a commercial product must not be made, nor may calls be made to one's office to receive or leave business messages. However, calls made in the interests of highway safety, such as for the removal of injured persons from the scene of an accident or for the removal of a disabled vehicle from a hazardous location, are permitted."

73 de N3EDY

RAE ELECTION DAY - DEC 7 1989

•You must be an active member to vote. An **ACTIVE MEMBER** is one who has attended at least three (3) out of the last six (6) monthly business meetings. Meetings attended prior to the July 6 meeting do not contribute to eligibility.

•Nominations for Directors shall be submitted in writing to the Election Committee no more than thirty (30) days prior to the annual election meeting. All nominations submitted shall be signed by at least five (5) full members.

•Nominations for Business Officers may be made as for Directors and may be also made from the floor at the annual election meeting.



Leon Golub, Smithsonian Astrophysical Obs.

An angry sun approaches its peak of activity. This x-ray image obtained on a sounding rocket reveals, in the greatest detail ever, the solar corona as the sun heads for the maximum next spring in its 11-year cycle. According to other observations, the sun still seems to be on track to equal the record peak in flare and sunspot activity seen in 1958. Activity should peak around March 1990, but it and its terrestrial effects—aurora, communications interference, and electrical power disruptions—will remain high for several years.

Open letter to non-members and former members was
mailed with our last mailing (rattle and Christmas party).

Dear OM or YL,

September 29, 1989

As Board Chairman of the RAE I am looking toward non-members for information and assistance to learn how we can be of better service to local amateurs.

Some of you who have been members in the past have reasons for not joining. There may have been actions with which you disagreed or personality clashes. We have a lot of old timers at the meetings, but also a lot of new faces and calls. If you haven't been to a meeting for some time, why not give it another try? We think we have made some constructive changes and the meetings are enjoyable. Bear in mind though that we can't change the past.

We have done a lot to improve the Club. In case you are unaware of some of the actions we have taken this year, please review the following:

* Membership meetings--

- Meetings have been constructive, short and friendly
- Several meetings have had very interesting programs
- of general interest: antennas, packet radio, etc.
- More coming...

* Semi-annual dinner events have continued to be very well attended, much fun and interesting speakers have added to the enjoyment. The next one will be the Christmas Party on December 1st. There is still time to join the club and join us at the party!

- * Field day was well attended and successful
- * Education classes will again be held in January
- * Membership is free to first year Novices
- * Dues are prorated for members who join later in the year
- * We support the Volunteer Examiner Program
- * We support ARES and Skywarn

If you are a 2 meter user you know we do have an open repeater. However, for local Hams, we think that support for the Club is not too much to ask.. The RAE has a large investment in the repeaters and many people put in a lot of time to maintain them (we expect 146.82 to spring to life again in the near future. The greatest portion of money has come from donations and grants (which we worked hard to obtain). So no more dues money than usual has been channelled to the 'peater. But we need members (we need at least 200, we have 164). The most important need for members is not the money, it's the participation that is needed.

If you were upset about the dues being increased \$5.50 per month, (\$6.00 per year) be assured no more increases are planned. The Club is healthier now. If you were upset about other events in the past, try thinking about the future. If you don't approve of present officers and Board, do something about it.

I think some people may have thought the Club was unchangeable; that has changed! We want input from members and want more members to participate and become eligible for office and for the Board. That is how you can have meaningful affect on Club operations. Board meetings are open to members for input and discussion. The Board of Directors is doing the job legally assigned to it and providing stronger direction to the Club.

I hope you will be willing to take a little time to call or write to me and give me your comments. Better yet, join now!. We want you back in the Club! Help us make the RAE a club of which we can all be proud!

Sincerely and 73's, Bob Schwimmer, N3PAW, Board Chairman, 814-866-3027



10/89 P8

ASSISTANT SECTION MANAGER'S NEWS AND VIEWS

On September 10 at the Butler Hamfest the WPA staff got together under new leadership, and discussed ideas and goals for WPA.

In attendance were new Section Manager John Fleming, ND3M, newly appointed Assistant Section Manager Bob Huson, KA3DEM, Technical Coordinator Bernie Fuller, N3EFN, Section Emergency Coordinator Brian Simanic, WA3UFN, Section Traffic Manager Otto Schuler, K3SMB, as well as other section people.

The following was discussed at the meeting:

1) Develop a slow speed CW net to function as a liaison to higher level nets. It would give the net more of a purpose and at the same time allow people to increase their code speed. It would be a daily net meeting on a possible freq. of 3710 at 7:30 P.M. Freq. and time were not finalized at this time.

2) Increase an awareness of the ARRL programs. Try to eliminate the attitude that the ARRL did one thing we didn't like, so therefore we shouldn't support them.

3) Increase the overall traffic activity in the section. This will be difficult, but maybe we can encourage people to become more involved in traffic nets.

4) Promote multi-mode operation. Some of the problem in the section is the attitude that one mode of operation is most important, be it CW, FM, SSB, Packet, RTTY, or Amtor. To be good operators, we must be comfortable with as many modes as possible. We must keep our skills up to date with all the changing technology.

5) Develop a Section newsletter that will be distributed via packet that could be used by other clubs in their newsletters. Possibly have clubs designate a packet person that would pick up these packet newsletters and take them to the club. And also bring newsworthy articles from the club, send them to the packet newsletter editor to be included in the next months edition.

6) Develop a strong ARES organization to have in place in the event of an emergency. Possibly develop a Sunday evening ARES net, allowing county EC's to meet and discuss matters. A freq. of 3983 and time of 5:30 P.M. were discussed.

As elected and appointed staff in WPA, we would certainly like to hear the ideas and suggestions that you may have. And of course any complaints that you may have as well. Let's get the Section moving again. So by all means feel free to contact me or any member of the staff about anything you may have, and we'll try our best to take care of the matter.

So until next month, 73.

Bob KA3DEM SGL, ASM/WPA

10189-P9

WESTERN PENNSYLVANIA
SECTION NEWSLETTER

October 1, 1989

This is the first of what I plan to be a monthly newsletter to the Section. If you have anything that you would like included, send it to me and I will be glad to include it.

Otto Schuler, K3SMB, is currently have some health problems with his back. He describes the problem as the passage way squeezing the "wires" together and causing some short circuits. They were talking surgery for a while, but will be using therapy first to see if they can relieve the problem. If that fails, then they may have to use the knife. Otto's wife is also having some difficulties and is going for tests this week. Please remember them both in your thoughts and prayers.

As you probably know by now, Bob Husan, KA3OEM, is my Assistant Section Manager. Bob lives in Meadville and is doing an excellent job of spreading the word via packet of items of interest in the Section. He is also my "ears" in the northern portion of the Section. I just received a message from Bob on my BBS today about the filing contest information via MS-DOS disks with the League. The league also has a BBS operated by the field services department. If you do not have an MS-DOS machine, check to see if you can transfer the ASCII file to the BBS. Contact Luck Hurder, KY1T.

As you may or may not know, the League lost almost 500,000 dollars last year. Like any business, they are currently looking at ways to avoid the problem again. They are cutting QST space for articles approximately 10%. Hopefully you favorite column will not be too affected.

Many amateurs in the Section have been active with the relief operations related to Hurricane Hugo. I want to praise them for the effort and personal time that they have given to try to relieve the pain of others. Anthony Zona, WB3KGT, Dave Henderson, NJE0V, and Gary Alberstadt, KA3FZ0, from the Erie area went to the Carribean to help in the communication effort. Erie amateurs also manned the Red Cross situation during that time period.

As you may also know, we had a potentially dangerous situation here in the Pittsburgh area when gasoline tanks from a local gasoline/mart leaked approximately 4000 gallons into the sewer system. The Red Cross communication system was at the edge of it coverage area for the evacuees and amateurs were call to assist. The Bethel Park police were concern at first why we were involved, but the amateurs soon earned the respect of the authorities. I want to thank all who took time out of their day to support the communication effort at the Red Cross as well as at the school where the evacuees were housed.

There is a movement in Congress to charge fees for amateur licenses again. The amount currently discussed is \$30. A budget bill containing the license fee was introduced into the House as part of HR 3299. A bill is also expected to be introduced into the Senate soon. Please write you Congressman and express your concern that the amount does not seem fair in the light that volunteers are currently administering the exams. Also when there is a disaster such as Hugo, we do not ask for reimbursement for our equipment that we use voluntarily and have paid for with our own money.

Activities during the month of October include the Pennsylvania QSO party, SET, and the Jamboree on the Air. The JOTA is an excellent opportunity to show amateur radio to Scouts. The requirements for the Radio merit badge also meet most of the requirements for the Novice exam.

10/89 - PIO

It will probably not be long until we have a COMMUNICATOR class of license. I am hopeful that we can entice these new members of the fraternity to look on code as another method of digital communications that does not require a computer interface! In line with the Communicator license and others who haven't master the digital method of Morse code, I have been talking about starting a slow speed net since last June, but have been too busy to really get it started. Bud, N3GLK told me at the Butler swap that he would be glad to be the net manager. But to make the net a success, it needs a purpose and QNI. I have all of the information from the MSN (Maryland Slow Net) and think that we could make it an excellent place to learn Morse Code and traffic handling at the same time. The benefit would be an increase in code speed and an opportunity to up grade. I had my license almost 25 years before I was able to get my extra. It was the result of CW traffic that my code speed finally got high enough. I also want to have an outlet for traffic that is handled on 2 meter nets. Many of the people on 2 are Technicians and cannot normally handle out going traffic. With the slow speed net on 3708 kHz at 7:30 local time, the traffic could be moved to the 3 region net at 7:45 local time. If your area doesn't have a 2 meter traffic net, you would still have an outlet for out going traffic. There has been attempts at slow nets in the past, but I don't feel that the net time gave the net a real place within the NTS traffic structure. If you are willing to participate in the net, please send a message. Also please indicate if you are willing to be a net control station.

I am in the process of trying to reconcile the ARRL listing of positions held with actual activity in the area. Please send monthly reports of your activities. Also I would like to mention that there is an ARRL rule that membership is a requirement to hold a position related to the ARRL. In addition to being ASM, Bob, KA3OEM, is also State Government Liaison (SBL), Otto, K3SMB, is Section Traffic Manager (STM), Bryan, WA3UFN is Section Emergency Coordinator (SEC), Chuck, KC3ET, is Bulletin Manager (BM), Bernie, N3EFN, is Technical Coordinator (TC), John, KX3V, is Official Observer Coordinator (OOC), Stu, AK3J, is Affiliated Club Coordinator (ACC). We are in need of a Public Information Officer (PIO). If you are interested in holding a position within the section, contact me and I will be glad to put you in contact with the individual handling that area.

In preparing this section newsletter, I have tried to keep the format simple so editors of club newsletters could download it from a Packet BBS and include it in their local club newspapers. I would like to have as wide a coverage in the section as possible.

I also hope to visit as many of the clubs as possible between now and next summer. If you would like me to visit your club, contact me.

73

John T. Fleming, NO3M @ NO3M
Section Manager, Western Pennsylvania
149 Mayfair Drive
Pittsburgh, PA 15228-1144
Home 412-571-0578
Work 412-394-4423

----- End of message 12888 from NO3M @ NO3M. -----

----- Received by N3EDY via NM3G Packet BBS in Erie -----

Q12-H26

The Official Journal of The Radio Association of Erie

November 1989

NOVEMBER EDITOR
N3DYY CLARK

R.A.E. Inc
PO Box 844
Erie PA 16512

NON-PROFIT
ORGANIZATION
U.S. POSTAGE
PAID

ERIE PA
PERMIT NO 266

OFFICERS:

PRESIDENT	Chris Robson	KB3A
V. PRESIDENT	Don Kelly	KA3ODM
SECRETARY	Clark Coho	N3DYY
TREASURER	Matt Rizzo	KA3PEJ

DIRECTORS:

Bob Schwimmer	N3FAW	(3)
Joe Pearo	WB2ICS	(3)
Kevin McKenna	WB3KKT	(2)
Joe Seppala	KC3LV	(2)
Chester Kanis	KB3P	(1)
Jim Ferguson	KZ3C	(1)
Richard Waldinger	N13Q	(1)

11-89 P2

WARREN RADIO

PARTS
DEPARTMENT

1315 PEACH STREET
ERIE, PENNSYLVANIA
PHONE 454-5285
MON-FRI 8:30 - 5:00
SAT. 9:00 - 5:00
CLOSED SUNDAY

... CHRISTMAS IDEAS!!! ...

1990 ARRL HANDBOOKS!
1990 RADIO AM. CALLBOOKS!
1990 FCC RULE BOOK!

COUPON

10% OFF

ANY ARRL

BOOKS - TAPES

UNTIL DEC 24



ICOM



 **VHF
COMMUNICATIONS**

Contact us for all of your
amateur radio needs. Featuring

ICOM, AEA, LARSEN, VAN GORDEN,
VIBROPLEX, NYE-VIKING, FALCON
COMM, LEADING EDGE, ARRL
PUBLICATIONS, KAGLO, HAMTRON-
ICS, PROWRITER, ELEPHANT
DISKS, DEBOO, TRIONYX

280 Tiffany Avenue
Jamestown, New York 14701

Western New York's finest... Amateur Radio Dealer

PH. (716) 664-6345

11-89 Pg 3

RAE DIRECTORS MEETING OCT 24 1989
RED CROSS BLDG PITTSBURGH AVE ERIE
PRESENT

DIRECTORS	VISITORS
Bob Schwimmer N3FAW	Chris Robson KB3A
Jim Ferguson KZ3C	Matt Rizzo KA3PEJ
Dick Waldinger NI3Q	
Joe Seppala KC3LV	
Chester Kanis KB3P	
Joe Pearo WB2ICS	

ABSENT
Kevin McKenna WB3KKT

The Board voted approval of up to \$125 for the Christmas Party door prize.

Also the Board agreed to absorb costs of entry fees and postage for Richard Shreve W3PIX to submit all club member entries to the PA QSO Party.

The board was advised of the following grants received by the RAE.

Edinboro Triathlon 1989	\$50.00
Eriesistable Marathon 1989	\$150.00
James V. Blake personal gift	\$200.00

Also Mr. James Blake advised the chairman that he had requested a grant to the RAE of \$2000.00 by the Blake Family Foundation. Further information will follow.

A discussion of desirable programs to be held at general meetings included the following:

- DX operating techniques
- Simple antennas
- Computers and Ham Radio
- More Packet Radio

The need for interesting programs at general meetings was emphasized.

The importance of training classes was again stressed. Dave Alexander KA3PMW, Education Chairman will be asked to attend the next Board meeting to show plans for classes, teachers, publicity and text materials.

Initiation of a club project was discussed. One idea is a sub-audible encoder/decoder for 2 meters.

Bob N3FAW

RAE ELECTION DAY - DEC 7 1989

•Nominal writing to thirty (3) meeting, signed by
•Nominal as for Dir floor at tr

Nominating Committee Slate
Pres. Gary Alberstadt KA3FZ0
V. Pres. Don Kelly KA3QDM
Sec. Ken Tellis KZ3E
Treas. Matt Rizzo KA3PEJ
Dir. 3yr Chester Kanis KB3P
Dir 3yr Jerry Strohmeyer N3GDS
Dir 1yr George Bablak W3ZQS

CONGRATULATIONS JON

The ARRL FOUNDATION INC. a nonprofit organization associated with ARRL announced that **Jonathan Vidal N3GIU** has been awarded the **YOU'VE GOT A FREIND IN PENNSYLVANIA SCHOLARSHIP** worth \$1000 toward furthering his educational and career goals.

WELCOME HOME JOE

Joe Ciano K3IYG is back from his Red Cross service near Columbia SC. We certainly thank him in behalf of our club and community for this needed service.

We understand that he started out as a high lift operator and eventually graduated to be honorary Police Chief and Fire Chief. Rumor has it that he will be trading in his motorcycle for a Ferrari Highlift with a 120 mph top speed and a 150 foot lift. This is all aimed toward winning the 1990 PA QSO Party **BIG!**

GET WELL SOON GEORGE

George Sontag W3LUG is recuperating at the Moncefiorie Hospital
3459 5th Ave
Pittsburgh Pa 15219
QSL cards welcome

RAE BUSINESS MEETING NOV 2 1989 RED CROSS BLDG PITTSBURGH AVE ERIE

Meeting opened at 7:30PM by VP Don Kelly

PRESENT

DIRECTORS

Jim Ferguson KZ3C

Chester Kanis KB3P

Bob Schwimmer N3FAW

Kevin McKenna WB3KKT

Dick Waldinger NI3Q

Joe Seppala KC3LV

OFFICERS

Don Kelly KA3QDM

Clark Coho N3DYY

Matt Rizzo KA3PEJ

ABSENT

Joe Pearo WB2ICS

Chris Robson KB3A

There were 26 members attending; 1 visitor

REPORTS:

BOARD OF DIRECTORS:

See directors meeting report - this issue

PUBLIC SERVICE:

• Norma Vanderhoff W3CG reported that at the Oct 7 VE examinations, 1 Novice, 1 Tech, 1 Advanced and 2 Extra examinations were given and all passed.

• Norma also indicated that we should give approval for rent for 1990 use of the Villa facilities. Since we have not been presented with a bill the club could not give such approval but a vote by those present felt that a maximum of \$250 would be acceptable. The Board of Directors will take action on this matter.

PROPERTY CUSTODIAN:

• Gene Rogowski KA3EZY reports that the Argosy and the Robot are still available for loan.

REPEATER COMMITTEE: per Tony Zona WB3KGT

• Tony augmented the report in the last Qua Ræ; the 82 repeater will be 140 ft above the surrounding terrain on Sharp Road and that the old GE transceiver will be used for a repeater.

• He renewed his plea for more control ops for the 61 repeater. 440 mhz capability is needed.

TREASURER:

• Matt Rizzo submitted a report reflecting all activity through 10-31-89; summary as follows:

Receipts \$675 Disbursements \$476

Net Change \$199 Tot All Cash Accts \$5986

MEMBERSHIP: per Jim Spinks KJ3L

• There are 165 members at the present time.

• Dues for 1990 are coming in.

EDUCATION: Reported by Don Kelly

• Co-chairman Dave Alexander KA3PMW will give a report on progress of implementing the education program at the next Board of Directors meeting.

• A Novice class is definitely scheduled to begin in January.

PA QSO PARTY: per Dick Shreve W3PIX

• All participants were encouraged to send in their contest logs. They should be sent in by November 15 to James Trennepohl K3SO 1763 Princeton Drive, State College Pa 16803.

* Dick indicated that he would be glad to help anyone in interpreting the rules

CHRISTMAS PARTY: Bob Schwimmer announced that it will be held Friday Dec 1 starting at 6:30 at the Sunflower Club. Professor Robert Allshouse of Gannon University will be the Guest Speaker; the subject, the USSR. There will be door prizes and a raffle for a 20" remote control color TV and for a remote control VCR.

OTHER ITEMS:

• Meeting adjourned at 8:15pm

• After the business meeting a presentation was made by members of the

CRAWFORD COUNTY AMATEUR RADIO

SOCIETY namely:

Rick Silverio WB3JDI

Joe Hoegerl KB3EX

They made an impressive setup and demonstration of 2 meter packet controllers, called Digicom, and power supplies adaptable to Commodore 64 and 128 computers. This equipment is available from the CCARS at cost, in kit form or assembled. Contact Rick for details.

11-89 Pg 5

DONT FORGET !!!

CHRISTMAS PARTY

FRIDAY DECEMBER 1 1989

SUNFLOWER CLUB 340 METZ AVE ERIE PA

CASH BAR 6:30 DINNER 7:15

**GANNON PROFESSOR: ROBERT ALLSHOUSE
WILL SPEAK ON USSR TODAY**

MANY DOOR PRIZES

DRAWING: 1ST PRIZE 20"COLOR TV - REMOTE

2ND PRIZE VHS HQ VCR

K
♠



♥
K

**YOUR
GOLF
GAME'S
IN BIG
TROUBLE
WHEN...**

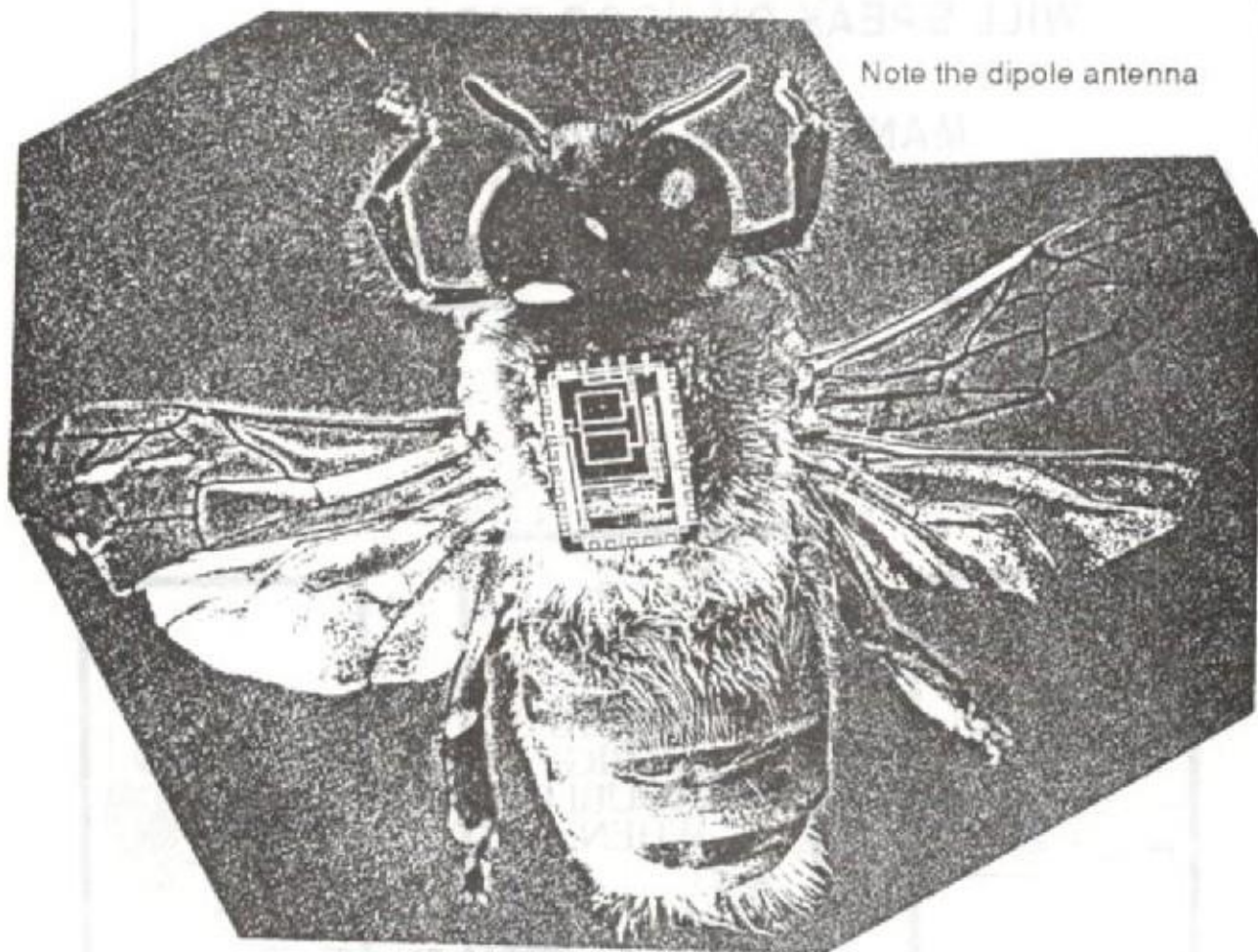


A
♠



♥
A

For you busy bee fans, how about an **AIRCRAFT MOBILE SOLAR POWERED QRP RIG ?!?**

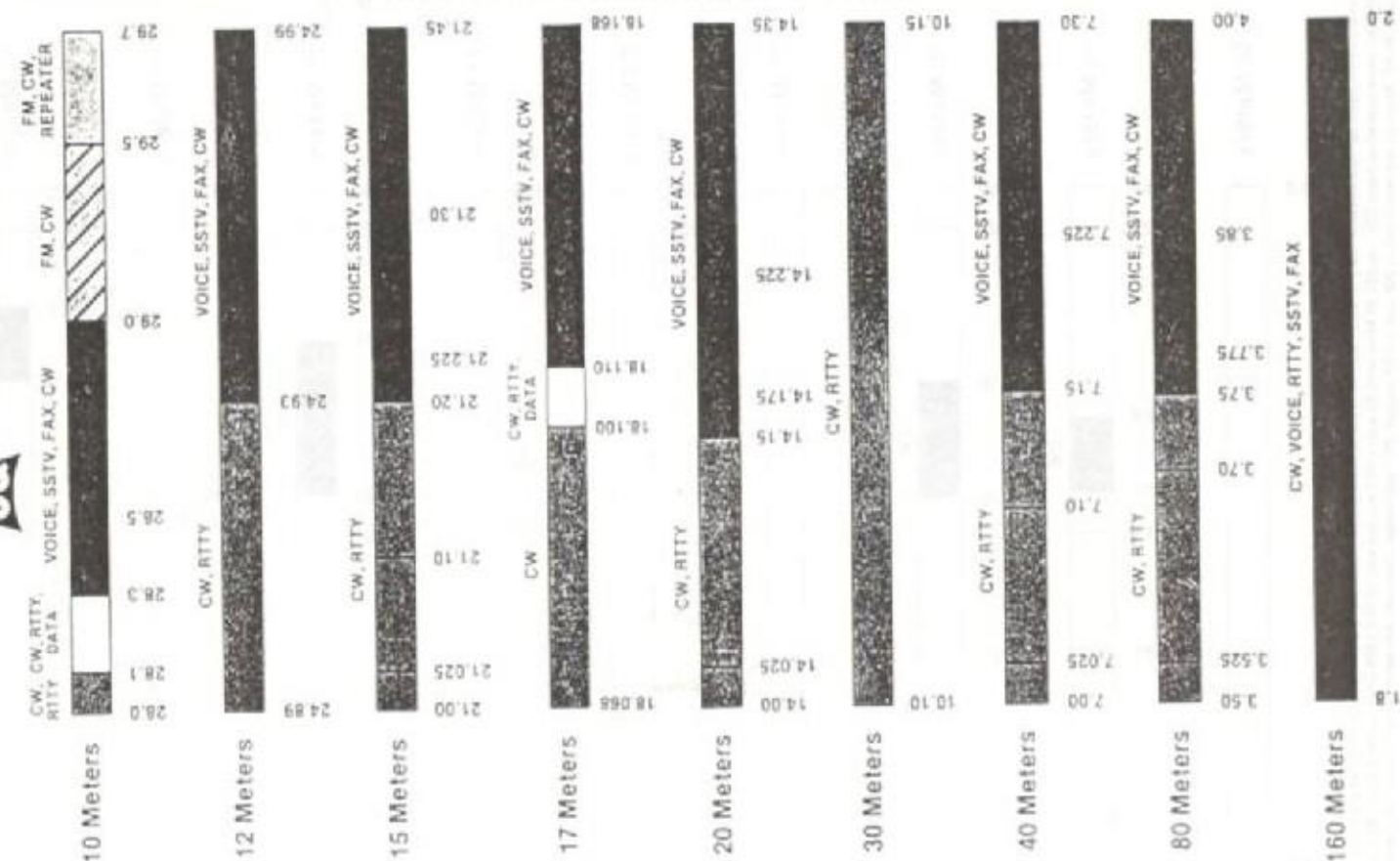


Note the dipole antenna

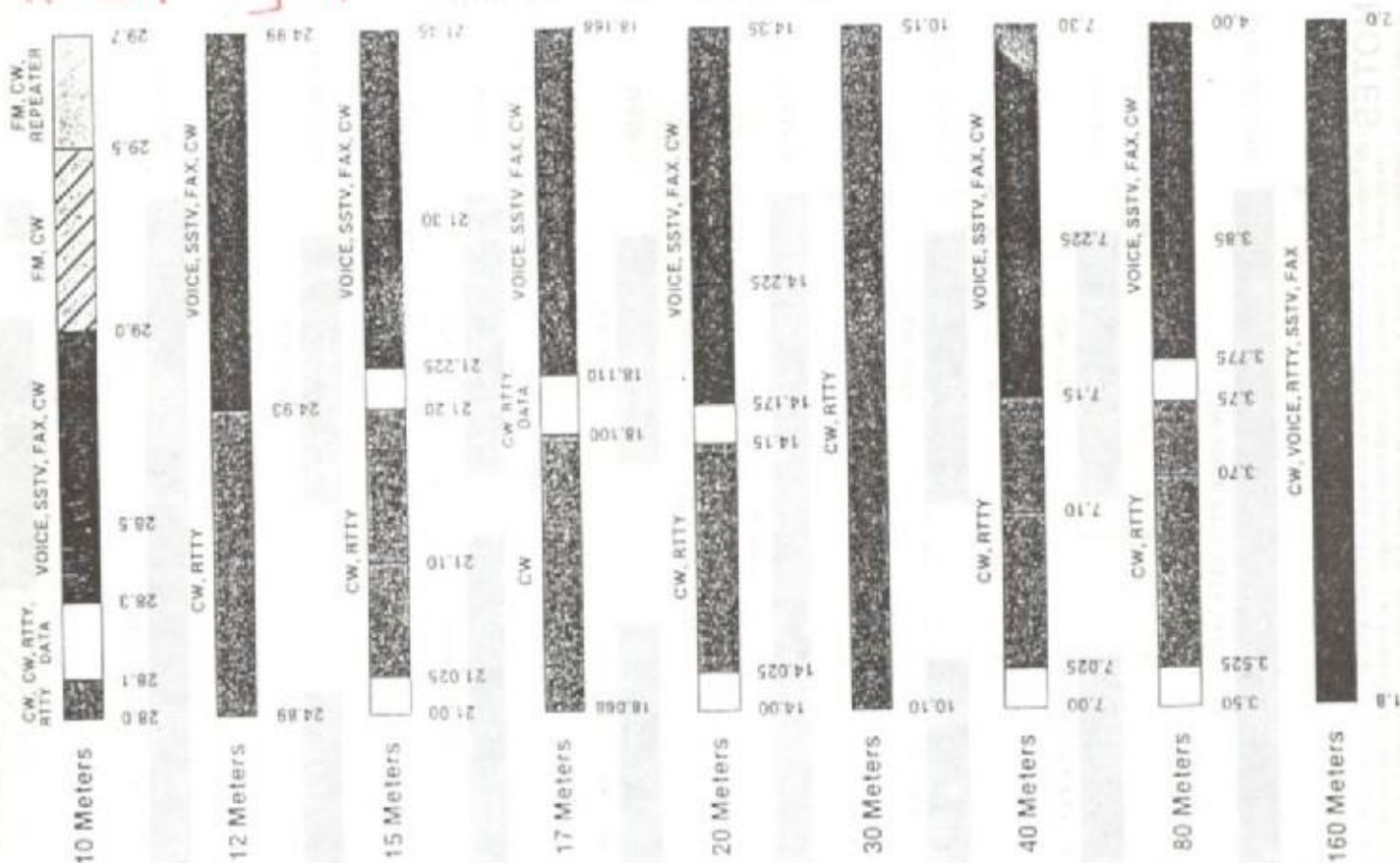
Bee Backpack. This tiny microchip, mounted for weight testing on a European drone bee by engineers at the Oak Ridge National Laboratory in Tennessee, illustrates the approximate size of a microchip transmitter that is being developed to track the spread of Africanized "Killer Bees." Such transmitters, glued to the thoraxes of captured Africanized Bees, could be used to study their mating and foraging habits. The device is solar powered, making it the smallest solar power station known to exist. (Photograph courtesy of the Oak Ridge National Laboratories.)



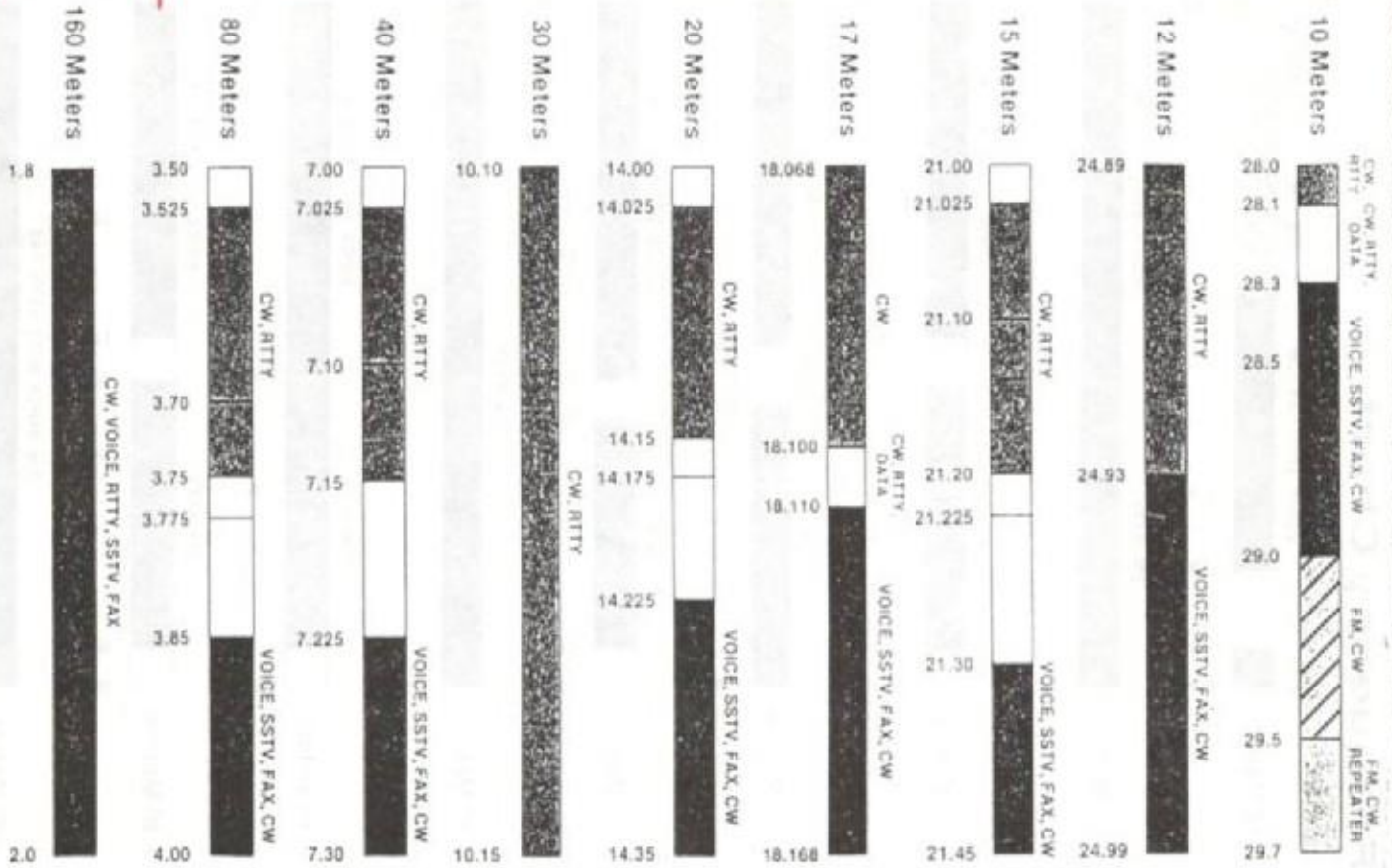
H.F. Amateur Radio Frequency Chart



Advanced Class Privileges

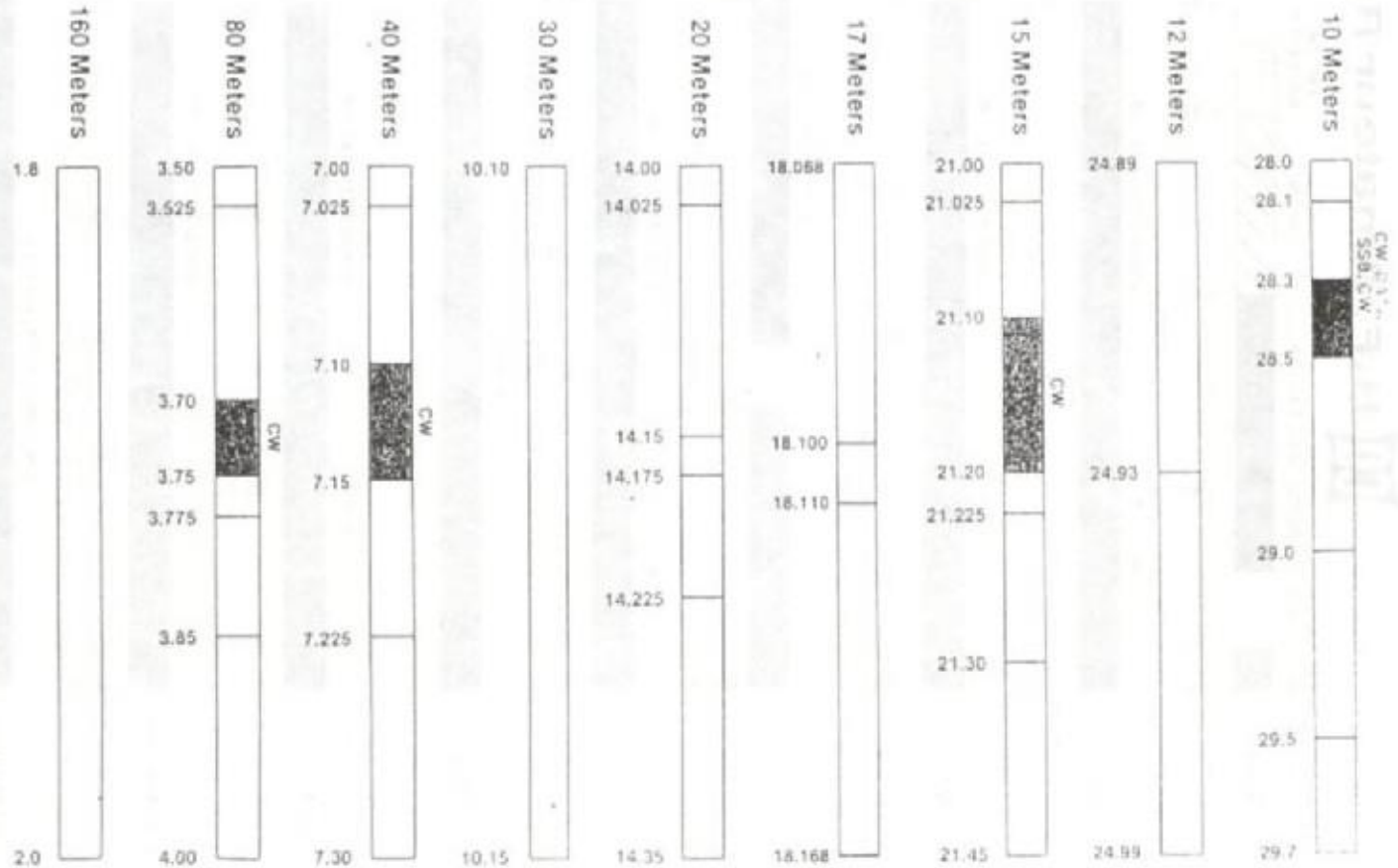


General Class Privileges



NOTES: (1) These charts are intended for general reference by Amateurs and can in no way include full details of every aspect of frequency, license and mode privileges for all Amateurs. Such details are best determined from the most current FCC Rules. (2) 160 Meter DX window 1.825-1.850 MHz and 1.850-1.855 by gentleman's agreement. (3) 25 Meter DX window 3.790-3.800 MHz. (4) 30 Meters is shared with fixed services outside the U.S. Use caution to avoid interference with these services. Power limit on this band is 200 watts PEP output. (5) 12 Meters is

Novice & Technician Class Privileges



shared with fixed service outside the U.S. Use caution to avoid interference with these services. (6) Novices are also permitted voice operation from 22.1 to 22.3 MHz with 25 watts PEP output and 1270.0-1295.0 MHz with 5 watts PEP output. On HF, Novices are restricted to 200 watts PEP output. (7) Technician, General, Advanced and Extra class licenses are also entitled to all Amateur privileges across 50.0 MHz.

Q12-H26

The Official Journal of The Radio Association of Erie

December 1989

DECEMBER EDITOR
N3DYY CLARK

R.A.E. Inc
PO Box 844
Erie PA 16512

NON-PROFIT
ORGANIZATION
U.S. POSTAGE
PAID

ERIE PA
PERMIT NO 266

OFFICERS:

PRESIDENT	Chris Robson	KB3A
V. PRESIDENT	Don Kelly	KA3ODM
SECRETARY	Clark Coho	N3DYY
TREASURER	Matt Rizzo	KA3PEJ

DIRECTORS:

Bob Schwimmer	N3FAW (3)
Joe Pearo	WB2ICS (3)
Kevin McKenna	WB3KKT (2)
Joe Seppala	KC3LV (2)
Chester Kanis	KB3P (1)
Jim Ferguson	KZ3C (1)
Richard Waldinger	NI3Q (1)

Robert Schwimmer
129 East Arlington Rd.
Erie PA 16509
N3FAW F

2 12/89 - P2

WARREN RADIO

PARTS
DEPARTMENT

1315 PEACH STREET
ERIE, PENNSYLVANIA
PHONE 454-5285
MON-FRI 8:30 - 5:00
SAT. 9:00 - 5:00
CLOSED SUNDAY

... CHRISTMAS IDEAS!!! ...

1990 ARRL HANDBOOKS!
1990 RADIO AM. CALLBOOKS!
1990 FCC RULE BOOK!

COUPON
10% OFF
ANY ARRL
BOOKS • TAPES
UNTIL DEC 24



ICOM



 **VHF
COMMUNICATIONS**

Contact us for all of your
amateur radio needs. Featuring

ICOM, AEA, LARSEN, VAN GORDEN,
VIBROPLEX, NYE-VIKING, FALCON
COMM, LEADING EDGE, ARRL
PUBLICATIONS, KAGLO, HAMTRON-
ICS, PROWRITER, ELEPHANT
DISKS, DEBCO, TRIONYX

280 Tiffany Avenue
Jamestown, New York 14701

Western New York's finest... Amateur Radio Dealer
PH. (716) 664-6345

SEASONS GREETINGS !

RAE DIRECTORS MEETING NOV. 28 1989
RED CROSS BLDG PITTSBURGH AVE ERIE
PRESENT

DIRECTORS

Bob Schwimmer N3FAW
Jim Ferguson KZ3C
Dick Waldinger NI3Q
Joe Seppala KC3LV
Chester Kanis KB3P
Joe Pearo WB2ICS
Kevin McKenna WB3KKT

VISITORS

Gary Alberstadt KA3FZO

- It was decided that at the election of officers and directors at the next meeting, the officers will be elected first, then the board members.
- There was discussion on uses for the \$2000 grant from the Blake Family Foundation. Input from the Repeater Committee is needed.
- The 82 Repeater site details were discussed.
- No one present to report on education activities. (See report elsewhere in this Qua-Rae Ed)
- By-Laws revisions were discussed. A motion in regard to full member / active member will be submitted at the next business meeting.
- A motion by KZ3C, second by KC3LV, to donate \$50 to the Red Cross for local chapter use. Passed.
- Various activities for all members were considered.
- Adjourned 8:35PM

Kevin WB3KKT

EDUCATION

Novice and General & Technician classes will start Wednesday January 24 at Tech Memorial High School at 3325 Cherry St Erie. They will start at 7pm and finish at 9pm. The courses will run for 10 weeks. Register with Dave or Betty Alexander KA3PMW 454-3154.

YOUR 1990 OFFICERS

DIRECTORS:

1 YR Kevin McKenna WB3KKT
Joe Seppala KC3LV
George Bablak W3ZQS
2 YR Bob Schwimmer N3FAW
Joe Pearo WB2ICS
3 YR Chester Kanis KB3P
Jerry Strahmeyer N3GDS

OFFICERS:

President Gary Alberstadt KA3FZO
V. President Tony Zona WB3KGT
Secretary Ken Teleis KZ3E
Treasurer Matt Rizzo KA3PEJ

QST QST QST

Do you have any old:

periodicals - QST, Ham Radio, CQ, 73
call books
other amateur radio literature

which you would like to donate to hams and
radio clubs in foreign countries?

If so, for more details call:

Tom McClain N3HPR
3954 Solar Dr
Erie, PA 16506
833-1640
or 2m 146.610 repeater

12/89 -
P4

RAE BUSINESS MEETING DEC 7 1989
RED CROSS BLDG PITTSBURGH AVE ERIE

PRESENT

DIRECTORS

Jim Ferguson KZ3C
Chester Kanis KB3P
Joe Pearo WB2ICS
Kevin McKenna WB3KKT
Dick Waldinger NI3Q
Joe Seppala KC3LV

OFFICERS

Chris Robson KB3A
Don Kelly KA3QDM
Clark Coho N3DYY

ABSENT

Bob Schwimmer N3FAW Matt Rizzo KA3PEJ

As of this date there are 30 active full members in the club. There were 20 active full members attending - 66% thus a quorum was present. A total of 30 members were present.

Meeting opened at 7:30PM by Pres Robson

REPORTS:

BOARD OF DIRECTORS:

See directors meeting report - this issue

PUBLIC SERVICE:

- Norma Vanderhoff W3CG sent a report of the Dec 2 1989 VE session. There were 9 candidates total from Meadville, Titusville and Erie. All passed as follows: 1 Novice, 5 Technician, 1 General, 1 General Theory and 1 Extra Theory

PROPERTY CUSTODIAN:

- Gene Rogowski KA3EZY reports that the Argosy and the Robot are still available for loan.

REPEATER COMMITTEE: per Tony Zona WB3KGT

- There is nothing further to report on the 82 installation except that they are still working on it.
- The noise on the 82 machine is definitely a function of the wind. A loose connection is suspected. Our own installation appears to be tight. A spectrum analyser will be used to see if a clue can be indicated as to where the difficulty is located.
- The control link has been lost. Reason not known at the present time.

TREASURER:

- Matt Rizzo was absent. No report has been submitted for the past month.

MEMBERSHIP: per Jim Spinks KJ3L

- There are 162 members at the present time.
- Between 70 and 80 members have submitted dues for 1990

EDUCATION:

- Dave Alexander KA3PMW was absent, no report. (See recent information elsewhere this edition)

PA QSO PARTY: Results not yet available from the Nittany Lion Radio Club.

CHRISTMAS PARTY:

- Food was great.
- Professor Allshouse presented an excellent talk on Russia, together with many timely color slides.
- Dick Blasco KY3D won the Color TV
- Chester Kanis KB3P won the VCR.
- Everybody won a good time.

ELECTION OF OFFICERS & DIRECTORS FOR 1990

- The Nominating Committee presented the following slate for officers:

President Gary Alberstadt KA3FZO
Vice President Don Kelly KA3QDM
Secretary Ken Teleis
Treasurer Matt Rizzo KA3PEJ

There apparently was a misunderstanding in the nomination of Don Kelly. He stated that he was not a nominee for an office. The nomination was then withdrawn.

Nominations from the floor were then invited for all offices. Chris Robson then nominated Tony Zona for Vice President. This was followed by five seconds from the floor. There were no other nominations for any office. A motion that the Secretary cast a unanimous vote for the slate was made and accepted.

- The Nominating Committee the presented the following slate for Directors:

Director 3 years Chester Kanis KB3P
Director 3 years Jerry Stromeyer N3GDS
Director 1 year George Bablak W3ZQS

There being no nominations from the floor, a motion that the Secretary cast a unanimous vote for this slate was made and accepted.

12/89
Pg 5

OTHER BUSINESS:

•At last months meeting, a question arose regarding the voting rights of full members versus active full members. The by-laws are somewhat ambiguous in this regard, at least there are various interpretations and precedents. It was also brought out at the present meeting that there are other revisions which should be considered. Accordingly, a By-Laws Committee was formed. The following members have signed up for participation:

- ~~Eugene Rogowski KA3EZY~~
- Don Kelly KA3QDM
- Dick Bainbridge W3GZO
- Kevin McKenna WB3KKT
- Joe Seppala KC3LV
- Jonah Vidal N3GIU

OTHER ITEMS:

- Meeting adjourned at 8:30

Clark N3DYY

WANTED

Any old AM transmitter, especially am looking for 500 watt range.

Steve WA3JJT
454-5285

*Lifes intricate mysteries
can sure confuse one !*

$$\sqrt{-\sqrt[3]{\sqrt{5+2}-\sqrt[3]{\sqrt{5-2}}}}$$

MOVING UP STEVE NEHEZ NX3I

Steve became interested in radio at the age of 10 years, when he first heard a short wave set which belonged to the father of his friend. Starting as a SWL, he went on to CB, graduating into the amateur radio ranks in 1971, as WA3QAY. In 1972, he upgraded to Advanced Class, and while he is from the self-help group, gaining information from books, and code copy from W1AW, John Kozek W3NXX was the ham friend who answered questions and put light in the gray areas.

Much of Steve's activity in recent years has been H.F. RTTY, using an IBM XT clone with the MFJ-1278 interface. His equipment includes a YAESU FT-901 DM transceiver, a Heath S75-220 Amp A Drake transmatch, and a Hustler S-BTV Vertical. The 2 meter rig is a Kenwood TM-2530A. A second hobby of interest to Steve is photography.

The family consists of XYL Nancy, who is an Asst. Manager with So-Fro Fabrics in the Millcreek Mall, and a daughter Becky who is a registered nurse in the intensive care unit at Cleveland's Rainbow Children's Hospital. Steve is a Pharmacist with Rite-Aid at 26th and Peach Street. Erie has always been the home town, although 5 years were spent at the University of Pittsburgh School of Pharmacy.

Steve has been a member of the RAE for many years, and in October, attended the Erie RAE VE Exam Session, gaining the rank of Amateur Extra and the new call NX3I. Daughter Becky immediately announced that the call sounded like a new model car, the Mazda NX3I. True, Becky, and it is also a great CW call. One final note is that Steve is the lone A.R. operator in the Erie area to gain the Amateur Extra Class license in 1989.

Norma W3CG

6 12/89
Pg 6.

Murphy's Law

with VENGEANCE

I AM WRITING IN RESPONSE TO YOUR REQUEST FOR FURTHER INFORMATION IN BLOCK #4 OF THE ACCIDENT REPORT FORM. I PUT POOR PLANNING AS THE CAUSE OF MY ACCIDENT, AND AS YOU SAID, I SHOULD EXPLAIN MORE FULLY. I TRUST THAT THE FOLLOWING DETAILS WILL SUFFICE.

I AM AN AMATEUR RADIO OPERATOR, AND ON THE DAY OF THE ACCIDENT I WAS WORKING ALONE ON THE TOP SECTION OF MY NEW 80 FOOT TOWER. WHEN I HAD COMPLETED MY WORK, I FOUND THAT I HAD, OVER THE COURSE OF SEVERAL TRIPS UP THE TOWER, BROUGHT ABOUT 300 POUNDS OF TOOLS AND SPARE HARDWARE. RATHER THAN CARRY THE NOW UNNEEDED TOOLS AND MATERIAL DOWN BY HAND, I DECIDED TO LOWER THE ITEMS DOWN IN A SMALL WOODEN BARREL, BY USING THE PULLEY AND ROPE THAT I HAD ATTACHED TO THE GIN POLE AT THE TOP OF THE TOWER.

SECURING THE ROPE AT THE GROUND LEVEL, I CLIMBED BACK UP TO THE TOP OF THE TOWER AND LOADED THE TOOLS AND MATERIAL INTO THE BARREL. CLIMBING BACK DOWN THE TOWER TO GROUND LEVEL, I UNTIED THE NOW TAUT ROPE HOLDING IT TIGHTLY SO AS TO ENSURE A SLOW DESCENT OF THE 300 SOME POUND BARREL.

YOU WILL NOTE IN BLOCK NUMBER 11 OF THE ACCIDENT FORM THAT I WEIGH ONLY 178 POUNDS. YOU CAN I'M SURE ALSO APPRECIATE MY SURPRISE AS MY LEFT ARM WAS JERKED STRAIGHT UP AND MY SEEING MY FEET LEAVING THE GROUND. I LOOKED UP AND SAW THAT MY LEFT HAND HAD A FIRM GRIP ON THE ROPE! AT THIS POINT I REALIZED THAT I HAD LOST MY PRESENCE OF MIND, THAT IS I FORGOT TO LET GO OF THE ROPE.

I LOOKED DOWN, AND THE GROUND WAS JUST TOO FAR AWAY NOW TO LET GO OF THE ROPE, AS THE FEAR OF GOD WAS IN MY SOUL. I WAS ACCELERATING JUST LIKE AN ELEVATOR!

AT OR NEAR THE 40 FOOT LEVEL OF THE TOWER, I MET THE BARREL, AS IT DESCENDED JUST AS FAST AS I ASCENDED. THIS EXPLAINS THE "FIRST INJURY", A FRACTURED SKULL AND BROKEN COLLAR BONE, AS INDICATED ON LINE 17 OF THE ACCIDENT FORM.

THIS COLLISION DID NOT STOP ME HOWEVER, ONLY SLOWED ME DOWN FOR A FEW SECONDS. I CONTINUED MY ASCENT, NOT STOPPING UNTIL THE FINGERS OF MY LEFT HAND WERE TWO KNUCKLES DEEP INTO THE PULLEY. FORTUNATELY FOR ME, BY THIS TIME I HAD REGAINED MY PRESENCE OF MIND AND WAS ABLE TO HOLD ONTO THE ROPE IN SPITE OF THE PAIN IN MY LEFT HAND. "SECOND INJURY", LINE 17. (I MUST ADMIT, HOWEVER THAT THE BROKEN COLLAR BONE AND FRACTURED SKULL DID DULL THE PAIN SOMEWHAT IN MY LEFT HAND).

UNBEKNOWNST TO ME AT APPROXIMATELY THE SAME TIME THAT I REACHED THE TOP OF THE GIN POLE, THE 300 PLUS POUND BARREL HIT GROUND. UPON IMPACT THE BOTTOM BROKE OUT OF THE BARREL. DEVOID OF TOOLS AND PARTS, THE BARREL NOW WEIGHED APPROXIMATELY 20 POUNDS. AGAIN I REFER TO MY WEIGHT IN BLOCK # 11.

AS YOU MIGHT WELL IMAGINE, I BEGAN A RAPID DESCENT DOWN THE SIDE OF THE TOWER. (BRUSH BURNS, "THIRD INJURY", LINE 17) AT ABOUT THE 40 FOOT LEVEL, I MET THE NOW ASCENDING 20 POUND EMPTY BARREL. THIS ACCOUNTS FOR FRACTURES OF BOTH THE LEFT AND RIGHT ANKLES, AND LACERATIONS OF MY LEGS AND LOWER TORSO. "FOURTH INJURY", LINE 17.

THE ENCOUNTER WITH THE BARREL SLOWED ME ENOUGH SO AS TO LESSEN MY INJURIES WHEN I FELL UPON THE PILE OF TOOLS AND PARTS, AND FORTUNATELY ONLY THREE VERTEBRAE WERE CRACKED. "FIFTH INJURY", LINE 17.

HOWEVER I AM SORRY TO REPORT THAT AS I LAY THERE ON TOP OF THE PILE OF PARTS AND TOOLS, UNABLE TO STAND, AND IN UNBELIEVABLY SEVERE PAIN, I LOOKED UP AT THE BOTTOMLESS BARREL, EIGHTY SOME FEET ABOVE ME, I AGAIN LOST MY PRESENCE OF MIND. I LET GO OF THE ROPE!!! "SIXTH INJURY" LINE 17, LACERATED FOREHEAD, ARMS AND BOTH KNEES.

(He should have used one of the nets!?)

from
Jerry N3GDS

12/89
Pg 7

From the Chairman ...

A year has gone by, the elections are over and we now can anticipate next year's activities. Congratulations are in order to the new slate of officers. Be prepared to help them do their job, they can't do it alone!

I won't say it's been a great year for the RAE, but it has been better than some I have seen, in my short RAE life. Many things were done, but too many were not done. We had some good programs, a fine Field Day, a good PA QSO party and some good dinner parties. The repeater committee did fine work in finishing the installation of the .61 system; the coverage is great, but noises need to be reduced or eliminated. Many hours by dedicated people were spent and more help is needed of more people.

Most importantly we need to conduct classes for new novices and for upgrades. If there is one thing a club should be measured by, it is its willingness and efforts to train people. More and younger blood is needed not only for the club, but for the Amateur Radio Service. You and I are privileged to use the air waves; it behooves us to help open them to new and upgraded Hams! It isn't too much to ask of us to give of ourselves to return something for the valuable privileges we enjoy so much. It is fun and satisfying to teach and share knowledge with others. Try it. Help is needed. Contact our new president and say you will help!

73's from Bob, N3FAW

The RAE BYLAWS

I guess I caused a small storm by asking Gary to read a suggested Bylaws change at the December meeting. Sorry about that Gary. Really, that wasn't why I went to California!

But the Bylaws are in many ways in need of a new fresh look. I do not think anything really drastic needs to be done; in fact I hope not. They are basically good and have worked quite well. I'm told a committee has been appointed, which is the way to go. Everything must be clear and nothing must be allowed to slip in unobserved. For one thing clear

language is essential and even a table of contents would help. All members must have a copy; new members should receive one. Why not print them in the membership directory? Why not send your recommendations to Gary, KA3FZO, to pass to the committee, or directly to them, if you prefer. I imagine the committee members are listed here in the minutes of the meeting.

PARTICIPATE !!

GOOD HEALTH AND GOOD LUCK TO YOU AND YOURS IN 1990!

73's, Bob, N3FAW

WESTERN PENNSYLVANIA AMATEUR NETS				
Name	mhz	local time	day	mode
Western PA CW Net	3.585	7:00P	Daily	CW
PA Tfc & Training Net	3.610	6:30P		Slow CW
QCWA	3.915	9:30A	Sun	Phone
PA Phone Net	3.958	5:00P	Daily	Phone
Keystone PA Phone & TFC	3.983	6:00P	Daily	Phone
RACES	3.990.5	9:00A	Sun	Phone
Keystone Phone Net	7.240	1:00P	M thru F	Phone
East Coast Amateur Radio	7.255	All Day	Daily	Phone
Lake Erie Emergency Net	29.000	8:00P	Sun	Phone
Northwest PA Tfc Net	145.130	9:00P	Daily	Phone - Meadville
Tri State Emergency Net	146.610	6:30P	Sun	Phone
ARES	146.610	9:30P	Sun	Phone - Skywarn

